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Notes on the tribes Platyptiliini and Exelastini from Iran (Lepidoptera: Pterophoridae)

H. Alipanah & C. Gielis

Abstract

Twenty-seven species of the two tribes Platyptiliini and Exelastini are listed. The genus *Exelastis* and the following species are reported from Iran for the first time: *Platyptilia calodactyla* ([Denis & Schiffermüller]), *P. nemoralis* Zeller, *P. farfarellus* Zeller, *Gillmeria armeniaca* (Zagulajev), *G. pallidactyla* (Haworth), *G. ochrodactyla* ([Denis & Schiffermüller]), *Stenoptilia zophodactylus* (Duponchel), *S. lucasi* Arenberger, *Paraplatyptilia metzneri* (Zeller), *M. asiatica* (Rebel) and *Exelastis atomosa* (Walsingham).

KEY WORDS: Lepidoptera, Pterophoridae, Platyptiliini, Exelastini, new records, Iran.

Notas sobre las tribus Platyptiliini y Exelastini de Irán (Lepidoptera: Pterophoridae)

Resumen

Se presenta un listado de veintisiete especies de dos tribus Platyptiliini y Exelastini. El género *Exelastis* y las siguientes especies, se citan por primera vez para Irán: *Platyptilia calodactyla* ([Denis & Schiffermüller]), *P. nemoralis* Zeller, *P. farfarellus* Zeller, *Gillmeria armeniaca* (Zagulajev), *G. pallidactyla* (Haworth), *G. ochrodactyla* ([Denis & Schiffermüller]), *Stenoptilia zophodactylus* (Duponchel), *S. lucasi* Arenberger, *Paraplatyptilia metzneri* (Zeller), *M. asiatica* (Rebel) y *Exelastis atomosa* (Walsingham).

PALABRAS CLAVE: Lepidoptera, Pterophoridae, Platyptiliini, Exelastini, nuevas citas, Irán.

Introduction

The family Pterophoridae with more than 1000 known species is a very widespread family with its greatest diversity in the Palearctic region (HEPPNER, 1998). It is divided into four subfamilies (GIELIS, 2003) of which, the subfamily Pterophorinae (= Platyptiliinae) with about 852 known species in 66 genera, constitutes the most diverse and abundant one (DUGDALE *et al.*, 1998). Although there are many controversies on tribal division of the subfamily, it includes six tribes: Tetrascalini, Platyptiliini, Exelastini, Oxyptilini, Oidaematophorini and Pterophorini (GIELIS, 2003).

Most of the 45 species of this subfamily reported hitherto from Iran belong to the tribe Pterophorini (ALIPANAH & USTJUZHANIN, 2005) and 16 species belong to the two tribes Exelastini and Platyptiliini (LEDERER, 1869, 1870; STAUDINGER & REBEL, 1901; MEYRICK, 1913; ZERNY, 1940; BIGOT, 1968; HANNEMANN, 1977; GIBEAUX, 1987; SUTTER, 1991; ARENBERGER & JAKSIC, 1991; FAZEKAS, 1993; ARENBERGER & BUCHSBAUM, 1998; ARENBERGER, 1999a, b; GIELIS, 2003; ALIPANAH *et al.* 2003, ARENBERGER, 2005).

In this manuscript we review the species from these tribes and add some new records for the fauna of this country.

Faunistic data

This study is based mainly on the material collected in different parts of Iran and preserved in Hayk Mirzāyāns Insect Museum (HMIM) of the Iranian Research Institute of Plant Protection (IRIPP) formerly Plant Pests and Disease Research Institute (PPDRI).

Tribe Platyptiliini Tutt, 1905

Platyptilia calodactyla ([Denis & Schiffermüller], 1775)

1 ♂, Shāhrud, W Tāsh, Shāvār Mt. (Semnān Prov.), 2900 m, 19-VII-2003, Hofmann, Meineke, Tremewan leg.; 2 ♂♂, 2 ♀♀, Sāvojbolāgh, E Gatehdeh, Elburz Mt. (Tehrān Prov.), N 36° 10' 39.6", E 51° 02' 20.9", 2260 m, 31-VII to 01-VIII-2007, Zahiri, Ālipanāh, Falsafi leg.

Distribution: Palaearctic (GIELIS, 2003).

Remarks: This species is newly recorded in the fauna of Iran.

Platyptilia nemoralis Zeller, 1841

3 ♂♂, Tāleghān (Tehrān Prov.), 26-31-VII-1976, Kāviān leg.

Distribution. Palaearctic (GIELIS, 2003).

Remarks: This species is newly recorded in the fauna of Iran.

Platyptilia farfarellus Zeller, 1867

2 ♂♂, 2 ♀♀, Sabalān, Qotur Suiee (Ardebil Prov.), N 38° 21' 53.9", E 47° 51' 43.4", 25-26-VII-2007, Ālipanāh, Zahiri, Falsafi leg.; 1 ♂, Meshkin-Shahr, Sabalān, N 38° 27' 10.7", E 47° 50' 38.8", 1680 m, 15-IX-2008, Ālipanāh, Buszko leg.; 1 ♂, W Māku, Ghezelbulāgh (West Āzarbāijān Prov.), 1910 m, 27-VII-1976, Pāzuki, Borumand leg.

Distribution: Palaearctic (GIELIS, 2003).

Remarks: This species is newly recorded in the fauna of Iran.

Platyptilia tesseradactyla (Linnaeus, 1761)

2 ♀♀, N NE Hamedān, N Razan, Āvaj cervix (Hamedān Prov.), 2300-2400 m, 19-VI-1998, Hofmann, Meineke, Tremewan leg.

Distribution: Northern and Central Europe, eastwards to Russia, as far north as 70° latitude; North America (GIELIS, 1996), Iran (BIGOT 1968).

Gillmeria armeniaca (Zagulajev, 1984)

1 ♂, 1 ♀, Miyāneh, Bozghush Mt., Torkamānchāy, Kalhor vill. (East Āzarbāijān Prov.), N 37° 42' 27", E 47° 22' 25", 2150 m, 12-VII-2005, Zahiri, Golmohammadzādeh-Khiābān leg.; 1 ♂, W Baladeh, Yush (Māzandarān Prov.), 2900 m, 17-VII-2005, ten-Hagen leg.; 1 ♂, Siāhbisheh- Yush Rd., 3 km Kamarbon vill. (Māzandarān Prov.), 2557 m, N 36° 13' 51.7", E 51° 24' 45.3", 21-22-VII-2007, Ālipanāh, Zahiri, Falsafi leg.; 1 ♂, Karaj, Kandovān, Sarchāl (Tehrān Prov.), 2800 m, 4-8-VII-1977, Mortazavihā, Pāzuki leg.

Distribution: Palaearctic: Armenia, Russia, Kazakhstan (GIELIS, 2003).

Remarks: This species is newly recorded in the fauna of Iran.

Gillmeria pallidactyla (Haworth, 1811)

1 ♂, Miyāneh, Bozghush Mt., Torkamānchāy, Kalhor vill. (East Āzarbāijān Prov.), N 37° 42' 27", E 47° 22' 5", 2150 m, 12-VII-2005, Zahiri, Golmohammadzādeh-Khiābān leg.; 2 ♀♀, N Razan, Āvaj cervix (Hamedān Prov.), 2300-2400 m., 19-VI-1998, Hofmann, Meineke leg.; 2 ♂♂, 6 ♀♀, Tafresh, Dastgerd (Markazi Prov.), 2300-2500 m, 15-16-VI-2005, Meineke leg.

Distribution: Palaearctic; Nearctic; Neotropical (GIELIS, 2003).

Remarks: This species is newly recorded in the fauna of Iran.

Gillmeria ochrodactyla ([Denis & Schiffermüller], 1775)

1 ♂, E Garmāb (North Khorāsān Prov.), 660 m, N 37° 40', E 56° 14', 4-V-2000, Flutsch, Möllet leg.

Distribution: Palaearctic (GIELIS, 2003).

Remarks: This species is newly recorded in the fauna of Iran.

Gillmeria irakella (Amsel, 1959)

No specimens were available for examination in this study.

Distribution: Palaearctic: Turkey, Iraq, Iran (GIELIS, 2003).

Stenoptilodes taprobanes (Felder & Rogenhofer, 1875)

No specimens were available for examination in this study.

Distribution: Palaearctic; Oriental; Neotropical; Afrotropical (GIELIS, 2003). This species was previously reported from Iran (ARENBERGER, 1999a).

Paraplatyptilia metzneri (Zeller, 1841)

1 ♂, Khalkhāl, Almās (Ardebil Prov.), 1900 m, 30-VI-1998, Barāri, Mofidi-Neyestānak leg.

Distribution: France, Switzerland, Italy, Croatia, Bosnia-Herzegovina, Macedonia, Serbia, Albania, Bulgaria, Russia, Turkey, China (GIELIS, 2003).

Remarks: This species is newly recorded in the fauna of Iran.

Amblyptilia acanthadactyla (Hübner, [1813])

No specimens were available for examination in this study.

Distribution: Palaearctic (GIELIS, 2003). This species was previously reported from Iran (ARENBERGER & JAKSIC, 1991).

Stenoptilia pterodactyla (Linnaeus, 1761)

1 ♀, Gilvān, Gharghāvol-Dāgh (Zanjān Prov.), 2500 m, 26-27-VI-2001, Hofmann, Meineke, Tremewan leg.; 1 ♂, Elburz Mt., W Baladeh, Yush (Māzandarān Prov.), 2900 m, 17-VII-2005, ten Hagen leg.; 1 ♀, S SE Bol Mt., Ābsad valley (Fārs Prov.), 2750 m, 7-VI-2005, Hofmann, Meineke leg.

Distribution: Nearctic (GIELIS, 1996); Palaearctic (GIELIS, 2003). This species was previously reported from Iran (ARENBERGER, 2005; BIGOT, 1968; LEDERER, 1871 (1870); SUTTER, 1991).

Stenoptilia mannii (Zeller, 1852)

3 ♂♂, Mārmishou (West Āzarbāijān Prov.), 1760 m, N 37° 34' 26", E 44° 37' 25", 18-VII-2005, Zahiri, Golmohammadzādeh-Khiābān leg.; 1 ♂, Meshkin-Shahr, Ilāndu (Ardebil Prov.), 1800 m, 3-VII-1997, Barāri, Mofidi-Neyestānak leg.

Distribution: Palaearctic: Bosnia-Herzegovina, Macedonia, Bulgaria, Greece, Russia, Ukraine, Armenia, Uzbekistan, Turkey, Iraq (GIELIS, 2003), Iran (ARENBERGER, 2005, ARENBERGER & JAKSIC, 1991; BIGOT, 1968; STAUDINGER & REBEL, 1901; MEYRICK, 1913).

Stenoptilia wagneri Zerny, 1940

No specimens were available for examination in this study.

Distribution: Palaearctic: Iran (ARENBERGER, 2005, BIGOT, 1968; GIBEAUX, 1987; GIELIS, 2003).

Stenoptilia stigmatodactylus (Zeller, 1852)

1 ♂, Sahand, Chini-Bulāgh (East Āzarbāijān Prov.), 2300 m, 25-VI-1985, Mirzāyāns, Pāzuki leg.; 1 ♂, Karaj, Kandovān, Sarchāl (Tehrān Prov.), 2800 m, 4-8-VII-1977, Pāzuki, Mortazavihā leg.; 1 ♂, Shemirān, Evin (Tehrān Prov.), 28-IX-1972, (L. T.), 1 ♂, 10-VII-1974; 1 ♂, Shemirān, Tochāl (Tehrān

Prov.), 2200- 2600 m, 6-VII-1995, V. Nazari leg.; 1 ♀, Zanjān, Gilvān, Gharghāvol-Dāgh (Zanjān Prov.), 2500 m, 26-27-VI-2001, Hofmann, Meineke, Tremewan leg.

Distribution: Western, Central and Mediterranean Europe, extending into Asia Minor and North Africa (GIELIS, 1996). This species was previously reported from Iran (ARENBERGER, 2005; LEDERER, 1869; STAUDINGER & REBEL, 1901).

Stenoptilia aridus (Zeller, 1847)

1 ♀, Miyāneh, Bozghush Mt., Torkamānchāy, Kalhor vill. (East Āzarbāijān Prov.), 2150 m, N 37° 42' 27", E 47° 22' 25", 12-VII-2005, Zahiri leg.; 1 ♂, 2 ♀♀, Khodāāfarin, Arasbārān forest, Gandomnān (East Āzarbāijān Prov.), N 38° 59' 25", E 48° 52' 12", 1280 m, 15-VII-2005, Zahiri, Golmohammadzādeh-Khiābān leg.; 1 ♂, Tāleghān, 8 km W Zidasht (Tehrān Prov.), 2200 m, 10-13-VI-1977, Pāzuki, Mortazavihā leg.; 1 ♂, Amlash, Rahim-Ābād, Ziāz vill. (Gilān Prov.), N 36° 52', E 50° 13', 405 m, 12-IX-2008, Ālipānāh, Buszko leg.

Distribution: Palaearctic: France, Spain, Switzerland, Italy, Corse, Sardinia, Sicily, Malta, Croatia, Serbia, Albania, Bulgaria, Greece, Turkey, Kazakhstan (GIELIS, 2003), Iran (as *S. bipunctidactyla arida* Zerny) (ARENBERGER, 2005; ZERNY, 1940).

Stenoptilia parnasia Arenberger, 1986

1 ♀, Bāft, Ghanāt-e Marvān (Kermān Prov.), 2800 m, 23-V-1977, Pāzuki, Safavi, Abāi leg.

Distribution: Palaearctic: Greece, Turkey, Armenia, Turkmenistan (GIELIS, 2003).

Remarks: This species is newly recorded in the fauna of Iran.

Stenoptilia bipunctidactyla (Scopoli, 1763)

1 ♂, Kaleybar, Āinālou, Alhord, Arasbārān forest (East Āzarbāijān Prov.), N 38° 55' 1.1", E 46° 47' 38", 1440 m, 28-VII-2007, Zahiri, Ālipānāh, Falsafi leg.; 1 ♂, Tehrān, Evin (Tehrān Prov.), 10-VII-1974 (L.T.).

Distribution: Western, Central, South and South-East Europe, to the north as far as central Scandinavia; Asia Minor, Syria and North Africa (GIELIS, 1996). This species was previously reported from Iran (BIGOT, 1968; HANNEMANN, 1977; MEYRICK, 1913; SUTTER, 1991; ZERNY, 1940).

Stenoptilia lucasi Arenberger, 1990

2 ♂♂, Dizin (Tehrān Prov.), 17-VIII-1973, Ebert leg.

Distribution: Greece, Cyprus, Turkey (GIELIS, 2003).

Remarks: This species is newly recorded in the fauna of Iran.

Stenoptilia zophodactylus (Duponchel, 1840)

1 ♀, Asālem, Parehsar (Gilān Prov.), 750 m, 13-VIII-1974, Mirzāyāns leg.; 1 ♀, Isin (Hormozgān Prov.), 11-III-1972, Mirzayans, Borumand leg.

Distribution: Palaearctic; Afrotropical; Oriental (GIELIS, 2003).

Remarks: This species is newly recorded in the fauna of Iran.

Cnaemidophorus rhododactyla ([Denis & Schiffermüller], 1775)

1 ♂, W Māku, Ghezelbulāgh (East Āzarbāijān Prov.), 1910 m, 27-VII-1976, Pāzuki, Borumand leg.; 4 ♂♂, Kāshān (Esfahān Prov.), 22-V-2000, Nematollāhi leg.; 1 ♀, Khosravieh, Ālādāgh, (North Khorāsān Prov.) 1600 m, 16-VI-1974, Rajabi, Pāzuki leg.; 1 without abdomen, NW Sanandaj, Saghez-Bāneh Rd. (Kordestān Prov.), 1950-2100 m, 28-29-VI-2005, Hofmann leg.; 1 ♀, Āvaj, (Hamedān Prov.), 13-VII-1978, Hāshemi, Zairi leg.; 1 ♀, Zanjān, Soltāniyeh, Ghaydār (Zanjān Prov.), 1950 m, 2-VII-1974, Termeh, Mousavi leg.

Distribution: Palaearctic; Nearctic (GIELIS, 2003). This species was previously reported from Iran (BIGOT, 1968).

Tribe Exelastini Gielis, 2000

Marasmarcha asiatica (Rebel, 1906)

1 ♂, S Borujen, 6 km S Dorāhun (Chāhārmahāl & Bakhtiāri Prov.), 1850-2100 m, 1-VI-2005, Hofmann, Meineke leg.; 1 ♂, 2 ♀♀, Firuzābād, Mehkuyeh (Fārs Prov.), 1450 m, 11-VI-1986, Mirzāyāns, Hāshemi leg.; 1 without abdomen, 38 km S Ābādeh, Rudān (Fārs Prov.), 270 m, 29-IV-1986, Mirzāyāns, Hāshemi leg.; 1 ♂, Kermānshāh (Kermānshāh Prov.), 24-30-V-1975, Ghāziof leg.; 2 ♂♂, 1 ♀, Kermānshāh (Kermānshāh Prov.), 9-18-VI-1975, Abāi leg.; 4 ♂♂, 1 ♀, Eslāmābād-e Gharb, Sorkhehdizeh (Kermānshāh Prov.), 1600 m, 2-VII-1972, Mirzāyāns, Abāi leg.; 1 ♂, 2 ♀♀, Eslāmābād-e Gharb (Kermānshāh Prov.), 3-VII-1972, 1500 m, Mirzāyāns, Abāi leg.; 1 ♂, Yāsuj, Ganjegun (Kohgiluyeh & Boyerahmad Prov.), 2190 m, 18-VI-2005, N 30° 25' 03", E 51° 44' 17", Zahiri, Nematīān, Falsafi leg.; 1 ♂, E Yāsuj, Islāmiyeh, E Deshkord (Kohgiluyeh & Boyerahmad Prov.), 2340-2360 m, 8-VI-2005, Hofmann, Meineke leg.; 1 ♂, Khorramābād, Badrābād (Lorestān Prov.), 1200 m, 13-V-1994, Sarafrazi, Hāshemi leg.; 1 ♂, Pārchin (40 km E Tehrān) (Tehrān Prov.), 1360 m, 2-V-2005, Zahiri, Fibiger leg.; 1 without abdomen, Shirkuh (SW Taft), Dāmāk, Aliābād (Yazd Prov.), 2550-2650 m, Hofmann, Meineke leg.; 1 ♂, Khosrawiyeh, Ālādāgh (Khorāsān Prov.), 1600 m, 16-VI-1974, Rajabi, Pāzuki leg.; 1 ♀, Bākhūm Mt., N Tidar vill. (Hormozgān Prov.), 1330 m, N 27° 58' 26.8", E 56° 15' 31.3", 25-IV-2006, Tarmann, Plössl leg.; 1 ♂, Rajan, 30 km SW Urmīā (West Āzarbāijān Prov.), 1650 m, 24-VII-1976, Pāzuki, Borumand leg.; 2 ♂♂, 1 ♀, 62 km Khalkhāl, 1500 m, 29-VII-1976, Pāzuki, Borumand leg.; 1 ♀, Minu Is. (Khuzestān Prov.), 14-IV-2002, Ghayurfar leg.; 1 ♀, Zanjān-Bijār Rd., 50 km SW Zanjān (Zanjān Prov.), 1700 m, 28-VI-1975, Pāzuki leg.; 2 ♂♂, Bāft-Jiroft Rd., Shingerā, 2800 m, 22-23-V-2004, Rajāei leg.; 3 ♂♂, 1 ♀, Dehbakry (Bāft-Jiroft), 2400-2600 m, 21-22-V-2004, Rajāei leg.; 2 ♂♂, E Yāsuj, Denā Mt., N Nur-Ābād (Esfahān Prov.), 2450 m, 8-VI-2005, Hofmann, Meineke leg.; 1 ♂, Semirom, Behruz Mt. (Esfahān Prov.), 2700 m, 31-V-2006, Keil leg.

Distribution: Palaearctic: China (GIELIS, 2003).

Remarks: This species is newly recorded in the fauna of Iran.

Marasmarcha ehrenbergianus (Zeller, 1841)

5 ♂♂, 15 km NE Sardasht (West Āzarbāijān Prov.), 23-VI-1975, Abāi leg.; 1 ♀, Mārmishou (West Āzarbāijān Prov.), N 37° 34' 26", E 44° 37' 25", 1760 m, 18-VII-2005, Zahiri, Golmohammadzādeh-Khiābān leg.; 2 ♂♂, Tabriz, Gharachaman (East Āzarbāijān Prov.), 1100 m, 23-VI-1985, Mirzāyāns, Pāzuki leg.; 1 ♂, Garachaman (East Āzarbāijān Prov.), 1600 m, 15-VII-1976, Pāzuki, Borumand leg.; 1 ♂, Alamut, Gāzorkhān (Ghazvin Prov.), 2000 m, 24-VII-1994, Ebrāhimi leg.; 1 ♂, Kermānshāh (Kermānshāh Prov.), 18-VI-1975, Abāi leg.; 1 ♂, 3 ♀♀, Kermānshāh, VII-1987, Nuri leg.; 1 ♂, 1 ♀, Eslāmābād-e Gharb, Sorkhehdizeh (Kermānshāh Prov.), 1600 m, 2-VII-1972, Mirzāyāns, Abāi leg.; 1 ♀, Eslāmābād-e Gharb (Kermānshāh Prov.), 18-VI-1975, Nuri leg.; 1 ♂, 5 km E Kangāvar (Kermānshāh Prov.), 1500 m, 29-VI-1972, Mirzāyāns, Abāi leg.; 3 ♂♂, SE Sar-e Pol-e Zahāb, Sagān, Navā Mt. (Kermānshāh Prov.), N 34° 14' 12.7", E 46° 7' 44", 1270 m, 26-V-2007, Zahiri leg.; 2 ♂♂, 8 km N Pāveh, Sār-Darreh (Kermānshāh Prov.), N 35° 04' 9.1", E 46° 21' 54.6", 1630 m, 28-V-2007, Zahiri leg.; 3 ♂♂, 4 ♀♀, 5 km S Rijāb (Kermānshāh Prov.), N 34° 27' 9.9", E 46° 00' 51.4", 1300 m, 24-V-2007, Zahiri leg.; 1 ♂, 25 km E Bāneh (Kordestān Prov.), 1950 m, 4-VII-1975, Pāzuki leg.; 1 ♂, 28 km E Sanandaj (Kordestān Prov.), 1600 m, 6-VI-1975, Abāi leg.; 1 ♀, Marivān, Miāndāgh (Kordestān Prov.), 2000 m, 6-VII-1972, Mirzāyāns, Abāi leg.; 1 ♂, Pāveh- Nowsud Rd., Komeh-Darreh (Kordestān Prov.), N 35° 06' 22", E 46° 18' 18", 1170 m, 29-V-2007, Zahiri leg.; 1 without abdomen, 45 km SW Saghez, Saghez-Bāneh (Kordestān Prov.), 2000 m, 30-VI-1975, Pāzuki leg.; 1 ♀, Ravānsar (Kordestān Prov.), 20-VI-1975, Abāi leg.; 1 ♂, Gilvān, Gharghāvōl-Dāgh (Zanjān Prov.), 2500 m, 26-27-VI-2001, Hofmann, Meineke, Tremewan leg.; 2 ♂♂, NE Zanjān, Gilvān (Zanjān Prov.), 1400 m, 21-VI-2006, ten-Hagen leg.; 3 ♂♂, Lorestan Prov., 8-VII-2003, Kiā leg.

Distribution: Palaearctic: Turkey, Syria, Lebanon, Russia (GIELIS, 2003), Iran (ALIPANAH *et al.* 2003).

Marasmarcha iranica Arenberger, 1999

1 ♂, Baft (Kermān Prov.), 6-VI-1971, Hāshemi, Naim leg.; 1 ♂, Lālehzār (Kermān Prov.), 6-VI-1971, Hāshemi, Naim leg.; Shar-e Kord (Esfahān Prov.), 21-VII-1974, Hāshemi, Zairi leg.

Distribution: Palaearctic: Iran (ARENBERGER, 1999b).

Marasmarcha rhypodactylus (Staudinger, 1870)

2 ♂♂, Jiroft, Esfandagheh, Sargaz (Kermān Prov.), 1650 m, 20-V-1977, Safavi, Pāzuki leg.; 1 ♂, Khāneh-Sorkh cervix (Kermān Prov.), 2400-2500 m, N 29° 78', E 55° 99', 8-VI-1998, Möllet leg.; 1 ♂, Eslāmābād-e Gharb, Sorkhehdizeh (Kermānshāh Prov.), 1600 m, 2-VII-1972, Mirzāyāns, Abāi leg.; 1 ♂, Kermānshāh (Kermānshāh Prov.), 18-VI-1975, Abāi leg.; 1 ♂, Kangāvar- Sahneh Rd., 6 km E Sahneh, Bidsorkh vill. (Kermānshāh Prov.), N 34° 25' 10.1", E 47° 45' 52.3", 1790 m, 21-V-2007, Nāserzādeh, Zahiri, Olivier leg.

Distribution: Palaearctic: Russia, Turkey, Lebanon, Kazakhstan, Iran (BIGOT, 1968; ARENBERGER, 1999b), Iraq (GIELIS, 2003).

Marasmarcha pulcher (Christoph, 1885)

No specimens were available for examination in this study.

Distribution: Palaearctic: Turkmenistan, Kazakhstan, Iran (ARENBERGER, 1999b; ARENBERGER & BUCHSBAUM, 1998; WIESER *et al.* 2001), Afghanistan (GIELIS, 2003).

Exelastis atomosa (Walsingham, 1885)

4 ♂♂, 2 ♀♀, 20 km S Mināb (Hormozgān Prov.), N 27° 10' 42.1", E 57° 03' 47.9", 3 m, 01-I-2008, Zahiri, Lehman, Stadie leg.

Distribution: Known from Nepal, India and the United Arab Emirates (GIELIS, 2009).

Remarks: This species is newly recorded in the fauna of Iran.

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